

Mini-symposium

Protein production using heterologous system

Bacteria, Yeast, Microalgae, Plant and Animal

Date; 25 September

Venue; International Center for Biotechnology (ICBiotech), The University of Osaka

<https://www.icb.osaka-u.ac.jp/home-en/>

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| 12:45-12:50 | Opening remarks
Dr. Kazuhito Fujiyama (ICBiotech, The University of Osaka) |
| 12:50-13:30 | Dr. Kentaro Miyazaki (ICBiotech, The University of Osaka)
Development of a salicylate-responsive transcriptional regulator for
orthogonal and high gene expression in <i>Escherichia coli</i> |
| 13:30-14:00 | Dr. Niran Roongsawang (BIOTEC, NSTDA, Thailand)
BIOTEC Thermotolerant Yeast: A High-Efficiency, Cost-Effective, and
Freedom to-Operate Expression Platform |
| 14:00-14:30 | Dr. Cahyo Budiman (IPB University, Indonesia)
Gene Synthesis and Fusion-Based Expression of Non-Bacterial Enzymes
in <i>Escherichia coli</i> : Case Studies of Bromelain and Tyrosinase |
| 14:30-14:45 | BREAK |
| 14:45-15:15 | Dr. Naphatsamon Uthailak (Mahidol University, Thailand)
Green Biofactory: Plant- and Microalgae-based Protein Production |
| 15:15-15:45 | Dr. Ryo Misaki (ICBiotech, The University of Osaka)
Approaches to Protein Production Using Mammalian Cells:
Focus on Antibodies |

Organized by;

International Center for Biotechnology (ICBiotech),
The University of Osaka

Industrial Biotechnology Initiative Division,
Institute for Open and Transdisciplinary Research Initiatives (OTRI),
The University of Osaka